TOBYHANNA ARMY DEPOT

11 HAP ARNOLD BOULEVARD
TOBYHANNA, PA 18466
WWW.TOBYHANNA.ARMY.MIL

ISO 9001:2008 AS 9100:2009 AS 9110:2009 ISO 14001:2004 OHSAS 18001:2007

EXCELLENCE IN ELECTRONICS™

Satellite Communications

Tobyhanna Army Depot (TYAD) is the U.S. Army Center of Industrial and Technical Excellence (CITE) for Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR), Electronics, Avionics and Missile Guidance and Control. TYAD is the U.S. Air Force Technology Repair Center for Command, Control, Communications, Computers and Intelligence and Tactical Missiles.

CAPABILITIES

TYAD performs overhaul, repair, alignment, modification, test system/site integration, orientation training and technical field support to include worldwide installation and de-installation of Tactical and Strategic Military Satellite Communications (SATCOM) employed in fixed and mobile configurations.

Multi-skilled technical assistance repair teams, technicians and engineers provide engineering design, interoperability testing, configuration management, network system integration and technical support for various SATCOM networks, systems and equipment for the Joint Warfighter.

Dedicated facilities support the SATCOM missions such as the SATCOM Mission Facility, MILSTAR Support Facility, Tactical/Strategic Terminal Test Sites, Tactical Antenna Repair Facility, Strategic Antenna Alignment and Repair Facility, Anechoic Chamber, Digital Communications Satellite Subsystem (DCSS) Prototype Room, DCSS Staging Facility and the Tactical End Item Repair Facility.

Specialized equipment supporting the SATCOM missions include Quad Band Satellite Emulator, Modular Automatic Test Equipment, Antenna Pedestal Automatic Test Station, Scanners, 393 CCA Test System, Traveling Wave Tube Test Station, HP 3070 Test Stations, GenRad Test Stations, Tactical Simulator Test Set and Portable Test Stations, and a full cadre of common and specialized testing and diagnostic equipment required for X, C, KA, and KU RF bands.

SYSTEMS SUPPORTED

- AN/TSC-156 Phoenix
- AN/TSC-154 Secure Mobile Anti-Jam Reliable Tactical-Terminal
- AN/TSC-93 Tactical Satellite Terminal
- AN/TSC-167 and AN/TSC-185 Satellite Transportable Terminal's
- AS-4429 Lightweight High-Gain X-Band Antenna
- AS-4429/D Large Aperture Multi-Band Deployable Antenna
- AN/GSC-39/52/78 Medium to Heavy SATCOM Terminals
- AS-3199 Light Terminal Antenna
- OE-361/TSC Quick Reaction Satellite Antenna
- AN/TSC-86 SATCOM Terminal
- AN/GSC-52B Modernization Enterprise Terminal
- AN/FRR-95 Fixed Solar Optical Radio Receiver
- AN/FRC-181 Extremely High Frequency Antenna Support Shelter
- AN/TRC-194 Milstar Ground Command Post
- AN/MSQ-118 Space Based Surveillance System
- Global Broadcast Service Systems & Transportable Suites